

**PHOTOGRAPHIC FILM HAVING TIME RESOLVED SENSITIVITY
DISTINCTION**

ABSTRACT

The present invention provides a photographic element comprising a
5 transparent film support, a blue recording layer coated on the support, a green
recording layer coated on the support, and a red recording layer coated on the support.
The blue recording layer comprises a first image dye-forming coupler and radiation-
sensitive silver halide grains for forming a developable latent image upon imagewise
exposure. The green recording layer comprises a second image dye-forming coupler
10 and radiation-sensitive silver halide grains for forming a developable latent image
upon imagewise exposure. The red recording layer comprises a third image dye-
forming coupler and radiation-sensitive silver halide grains for forming a developable
latent image upon imagewise exposure. In addition, the radiation-sensitive silver
halide grains in each recording layer comprises at least a first and second set of
15 radiation-sensitive silver halide grains, wherein the first set of radiation-sensitive
silver halide grains having a higher maximum sensitivity and a faster development
time than the second set of radiation-sensitive silver halide grains.